

**In The Specification:**

**Please replace the paragraph beginning at the bottom of page 9 and continuing onto page 10, line 7 with the following:**

– Fig. 1 is a schematic drawing of a first embodiment of the device 1 of the invention. The ATR-probe 2 includes the process assembly 25 and the reflection element 15. The process assembly 25 is, for example, a retractable assembly, such as that available from ~~the assignee~~ Endress + Hauser, under the mark CLEANFIT. An interesting aspect of the invention concerns different geometries of the reflection element 15, as will be described in more detail below. Independent of the selected geometry, the reflection element 15 is mechanically protected by the process assembly 25, yet nevertheless comes into direct contact with the medium being measured. --

**Please replace the paragraph on page 10, spanning lines 8 - 14 with the following:**

– The measuring light and the reference light, which preferably originate in two light sources 5, are coupled into the ATR-probe 2 via the optical waveguide 4. Both the optical waveguide 4 and the optical waveguide 3 are preferably optical fiber bundles. Corresponding embodiments are presented in Fig. 2a (side view) and Fig. 2b (front view). Of course, other in-couplings are likewise possible. Also, light source 5 can be positioned directly in front of the reflection element 15, in which case the optical waveguide 4 can be omitted. --